

WHAT IS CLAIMED IS:

- 1002803-1
1. A method of strengthening a sheet of fabric material comprising the steps of coating fibers of a fabric material with ultrahigh molecular weight polyisobutylene having a molecular weight in excess of about 2.5 million daltons and retaining the polyisobutylene on the fibers that are formed into the sheet of fabric so as to strengthen the sheet of fabric.
  2. A method as recited in claim 1, wherein the ultrahigh molecular weight polymer consists of polyisobutylene.
  3. A method as recited in claim 1, wherein the fibers are coated prior to formation of the sheet.
  4. A method as recited in claim 1, wherein the sheet of fabric material is produced by weaving the fibers.
  5. A method of producing a wood treatment product comprising the steps of dissolving polyisobutylene in mineral spirits to form a solution, and blending the solution with linseed oil.
  6. A method as recited in claim 5, wherein the polyisobutylene has an average molecular weight of about 7.2 million daltons.

7. A method of enhancing viscoelasticity comprising the step of dissolving an ultrahigh molecular weight polymer having a molecular weight in excess of about 2.5 million daltons in a mineral oil based sunscreen formulation.

8. A method as recited in claim 7, wherein the ultrahigh molecular weight polymer comprises ultrahigh molecular weight polyisobutylene.

9. A method as recited in claim 8, wherein the ultrahigh molecular weight polyisobutylene comprises BASF Oppanol B-246.

10. A method of enhancing the strength properties of a fabric including a plurality of fibers, the method comprising the steps of coating each fiber with a ultrahigh molecular weight polyisobutylene solution, and evaporating the solvent.

11. The method of claim 10, further comprising the step of forming the fabric into an article of bullet proof clothing.

12. A method of providing an automobile polish and paint sealer, the method comprising the steps of forming a solution of ultrahigh molecular weight polyisobutylene in mineral spirits and adding the solution to a polish and paint sealer compound containing amino functional silicones.

13. The method of claim 12, further comprising the step of applying the automobile polish and paint sealer to automobile paint.

~~14.~~ A method of providing a rust remover, the method comprising the steps of forming a solution of ultra high molecular weight polyisobutylene in a solvent.

15. The method of claim 14, further comprising the step of applying the rust remover to a metal for removing rust from the metal.

~~16.~~ A method of providing a leather treatment product, the method comprising the steps of forming a solution of an ultrahigh molecular weight polyisobutylene in mineral oil.

17. The method of claim 16, further comprising the step of applying the leather treatment to an article of leather.

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